



Welcome to Metal Experts

One of the leading architectural
metal fabrication company to produce elegant stainless steel products.



SUPERIOR TECHNOLOGY EQUALS A SUPERIOR QUALITY OF FINISH.

ABOUT US

Metal Experts is a sister concern of "MUSAFFAH STEEL" was founded in 2013 with a simple mission to "Provide the best Quality Architectural Metal Fabrication and PVD coatings with outstanding services and delivery".

We are centrally located in Al Quoz Industrial Zone, Dubai-UAE & in Musaffah, Abu Dhabi, capital of United Arab Emirates with two highly sophisticated large volume coating systems and fabrication facilities to produce high quality interior fit-out and custom design furniture for Four Star, Five Star Hotels and residential Villas. We offers eco-friendly high quality thin film coating for a variety of decorative & functional applications.

Built on a solid foundation of technical expertise, the staff at Metal Experts has years experience in vacuum coating, decorative finishing & fabrication of fine quality products. As Our team of experienced personnel understand the needs of our customers and our natural philosophy goes beyond the initial order to guarantee consistency in both quality and overall customer service.



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PVD COATING SERVICES

Physical Vapor Deposition (PVD) is a technique used to deposit thin films of one atom (or one molecule) at a time onto various surfaces, often metal, to give them a hard durable coating. The source of the coating is physical that is a solid or liquid instead of chemical as in the alternative coating process of Chemical Vapor Deposition (CVD).

PVD COATING IS AN ENVIRONMENT FRIENDLY PROCESS THAT PROVIDES BRILLIANT & DURABLE DECORATIVE FINISHES.

LARGEST COATING MACHINE TO COMPLEX SHAPES OR LARGE VOLUME OF SMALL COMPONENTS.
AREAS OF APPLICATION:

1. Custom Design Stainless Steel Furniture.
2. Architectural Metal Cladding.
3. Stainless Steel Sheets.
4. Bath/ Toilet Accessories.
5. Glass Fixing U Channels.
6. Glass Door Hinges.
7. Glass Door Lock Covers.
8. Doors Ironmongeries.
9. Lift Cladding.



Why **PVD COATING** with **Metal Experts?**

PVD coatings benefits are many. PVD can provide a lifetime of protection from daily cleaning, which adds durability and value to your product. Traditional electroplating of brass, nickel, and gold finishes require a clear coat that degrade with time and can easily tarnish or corrode. PVD requires no clear top coats that fade or dull. It is four times harder than chrome which makes it corrosion and scratch resistant. Our PVD coatings have been shown to surpass 1200 hours of neutral salt spray and over 150 hours CASS on electroplated brass.

Benefits of PVD technology:-

- Superior Wear Resistance
- Superior Corrosion Resistance
- Superior Chemical Resistance
- Low Coefficient of Friction
- Excellent Adhesion
- Brilliant Decorative
- Finish High Hardness (2nd to Diamond)
- Uniform Coating
- Will not Chip, A Tarnish or Fade
- Low Maintenance
- Environmentally Friendly Process



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PVD COLORS

Gold

Rose Gold

Champagne

Bronze

Black

Black Nickle

Charcoal

Graphite

Brass

Antique Brass

Antique Bronze

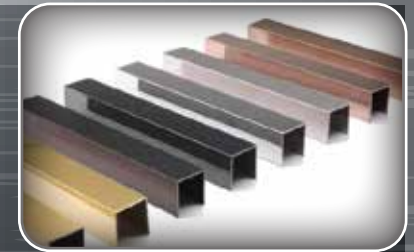
Rustic

Copper

Green

Purple

Blue



Note: The colors are not limited to the specified only, we can match the color of Client Choice as per their control sample.

⚙️ CNC LASER CUTTING ⚙️

Metal Experts Provides Laser Cutting Services to Businesses, Individuals as per their design requirements. Laser cutting is a technology that uses a laser to slice materials. The laser optics and CNC (computer numerical control) are used to direct the material or the laser beam generated as per the design required using Programing Parameters for Stainless Steel, Carbon Steel, Aluminum, Brass, Copper Material.

Sr.	Material	Thikness
1.	Stainless Steel	0.5 — 10mm
2.	Mild/ Carbon Steel	0.5 — 20mm
3.	Aluminum	0.5 — 6.0mm
4.	Brass	0.5 — 6.0mm
5.	Copper	0.5 — 6.0mm

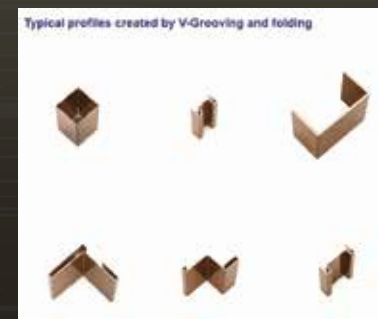
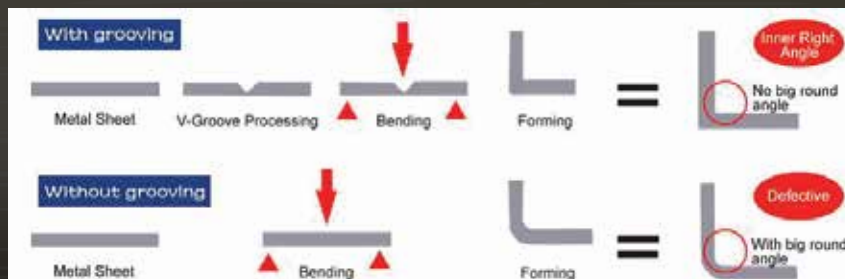




CNC V-GROOVING SERVICES

It's mainly used to get Sharp Bending Corners for Architectural use of Stainless Steel, Carbon Steel, Aluminum, Brass, Copper plates and compost panels.

The workpiece produced with such technique has small bending radius without changing the color with small bending force requirement.



ABOVE ARE SOME OF THE SAMPLE PICTURES TO NARRATE THE V-GROOVED BENDING PROCESS

METAL FABRICATION

Metal Experts is one of a leading manufacturers of Fine Crafted Custom-Design Metal Furniture for the hospitality industry. Based in Dubai, ME specialized in superior quality furniture for some of the world's finest four and five-star hotels. Our products grace the interiors of such international hotel brands as JW Marriot, Intercontinental, The Address, Rotana, Hilton, Kempinski and many more. We are a favored source of many award winning interior designers and design firms.

We are specialized of:

- Custom Design Furniture
- Interior Fit-Out (Metal)
- Decorative Partitions
- Stainless Steel Lift Cladding
- Stainless Steel Columns Cladding
- Decorative Elements
- Custom Design Handels & Glass Fittings
- Stainless Steel Handrails
- Emergency Stairs Handrails






OUR PROJECTS


★ The Address Hotel (Jumeirah Gate)	Loose Furniture & Fit-out	Jumeirah Dubai
★ Expo 2020, Al Wasl Plaza	Loose Furniture & Fit-out	Expo 2020
★ The Royal Atlantis	Loose Furniture	Palm Jumeirah Dubai
★ AW Rostamani Hilton Double Tree	Loose Furniture	Jumeirah Dubai
★ Marina Bateen Hotel	Loose Furniture & Fit-out	Bateen Abu Dhabi
★ Zuneira Villa	Loose Furniture	Oman
★ The Address Downtown-Neos	Loose Furniture	Downtown, Dubai
★ Millenium Deyaar Atria Residence	Loose Furniture	Dubai
★ The Address Montgomery	Loose Furniture	Marina, Dubai
★ Four Seasons Hotel	Loose Furniture	Al Riyadh - KSA.


PROJECT GALLERY



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DELIVERY